

36290-390-00-US.txt  
SEQUENCE LISTING

<110> CSS- Albachem Limited  
Cotton, Graham

<120> Ligation Method

<130> 08830-0390US1

<140> US 10/567, 403

<141> 2006-02-03

<150> GB 0318276.3

<151> 2003-08-05

<150> GB 0320122.5

<151> 2003-08-28

<160> 6

<170> PatentIn version 3.3

<210> 1

<211> 27

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic C-terminal thioester peptide

<220>

<221> misc\_feature

<222> (1)..(1)

<223> Xaa may be alanine or arginine

<220>

<221> misc\_feature

<222> (7)..(7)

<223> Xaa may be alanine or arginine

<220>

<221> misc\_feature

<222> (9)..(9)

<223> (Me)3

<220>

<221> misc\_feature

<222> (15)..(15)

<223> Xaa may be alanine or arginine

<220>

<221> misc\_feature

<222> (21)..(21)

<223> Xaa may be alanine or arginine

<220>

<221> misc\_feature

<222> (24)..(24)

<223> Xaa may be alanine or arginine

<220>

<221> misc\_feature

<222> (25)..(25)

<223> Xaa may be alanine or arginine

<400> 1

36290-390-00-US.txt

Xaa Arg Thr Lys Gln Thr Xaa Arg Lys Ser Thr Gly Gly Lys Xaa Pro  
1 5 10 15

Arg Lys Gln Leu Xaa Thr Lys Xaa Xaa Arg Lys  
20 25

<210> 2  
<211> 102  
<212> PRT  
<213> Homo sapiens

<400> 2

His Pro Trp Phe Phe Gly Lys Ile Pro Arg Ala Lys Ala Glu Glu Met  
1 5 10 15

Leu Ser Lys Gln Arg His Asp Gly Ala Phe Leu Ile Arg Glu Ser Glu  
20 25 30

Ser Ala Pro Gly Asp Phe Ser Leu Ser Val Lys Phe Gly Asn Asp Val  
35 40 45

Gln His Phe Lys Val Leu Arg Asp Gly Ala Gly Lys Tyr Phe Leu Trp  
50 55 60

Val Val Lys Phe Asn Ser Leu Asn Glu Leu Val Asp Tyr His Arg Ser  
65 70 75 80

Thr Ser Val Ser Arg Asn Gln Gln Ile Phe Leu Arg Asp Ile Glu Gln  
85 90 95

Val Pro Gln Gln Pro Thr  
100

<210> 3  
<211> 36  
<212> PRT  
<213> Artificial sequence

<220>  
<223> Purified and lyophilised Grb2-SH2 C terminal hydrazide treated  
with protease Lys-C in 100mM ammonium bicarbonate buffer

<400> 3

Phe Asn Ser Leu Asn Glu Leu Val Asp Tyr His Arg Ser Thr Ser Val  
1 5 10 15

Ser Arg Asn Gln Gln Ile Phe Leu Arg Asp Ile Glu Gln Val Pro Gln  
20 25 30

Gln Pro Thr Gly  
35

<210> 4  
<211> 392

36290-390-00-US.txt

<212> PRT  
<213> Homo sapiens

<400> 4

Met Lys Ile Glu Glu Gly Lys Leu Val Ile Trp Ile Asn Gly Asp Lys  
1 5 10 15

Gly Tyr Asn Gly Leu Ala Glu Val Gly Lys Lys Phe Glu Lys Asp Thr  
20 25 30

Gly Ile Lys Val Thr Val Glu His Pro Asp Lys Leu Glu Glu Lys Phe  
35 40 45

Pro Gln Val Ala Ala Thr Gly Asp Gly Pro Asp Ile Ile Phe Trp Ala  
50 55 60

His Asp Arg Phe Gly Gly Tyr Ala Gln Ser Gly Leu Leu Ala Glu Ile  
65 70 75 80

Thr Pro Asp Lys Ala Phe Gln Asp Lys Leu Tyr Pro Phe Thr Trp Asp  
85 90 95

Ala Val Arg Tyr Asn Gly Lys Leu Ile Ala Tyr Pro Ile Ala Val Glu  
100 105 110

Ala Leu Ser Leu Ile Tyr Asn Lys Asp Leu Leu Pro Asn Pro Pro Lys  
115 120 125

Thr Trp Glu Glu Ile Pro Ala Leu Asp Lys Glu Leu Lys Ala Lys Gly  
130 135 140

Lys Ser Ala Leu Met Phe Asn Leu Gln Glu Pro Tyr Phe Thr Trp Pro  
145 150 155 160

Leu Ile Ala Ala Asp Gly Gly Tyr Ala Phe Lys Tyr Glu Asn Gly Lys  
165 170 175

Tyr Asp Ile Lys Asp Val Gly Val Asp Asn Ala Gly Ala Lys Ala Gly  
180 185 190

Leu Thr Phe Leu Val Asp Leu Ile Lys Asn Lys His Met Asn Ala Asp  
195 200 205

Thr Asp Tyr Ser Ile Ala Glu Ala Ala Phe Asn Lys Gly Glu Thr Ala  
210 215 220

Met Thr Ile Asn Gly Pro Trp Ala Trp Ser Asn Ile Asp Thr Ser Lys  
225 230 235 240

Val Asn Tyr Gly Val Thr Val Leu Pro Thr Phe Lys Gly Gln Pro Ser  
245 250 255

36290-390-00-US.txt

Lys Pro Phe Val Gly Val Leu Ser Ala Gly Ile Asn Ala Ala Ser Pro  
260 265 270

Asn Lys Glu Leu Ala Lys Glu Phe Leu Glu Asn Tyr Leu Leu Thr Asp  
275 280 285

Glu Gly Leu Glu Ala Val Asn Lys Asp Lys Pro Leu Gly Ala Val Ala  
290 295 300

Leu Lys Ser Tyr Glu Glu Glu Leu Ala Lys Asp Pro Arg Ile Ala Ala  
305 310 315 320

Thr Met Glu Asn Ala Gln Lys Gly Glu Ile Met Pro Asn Ile Pro Gln  
325 330 335

Met Ser Ala Phe Trp Tyr Ala Val Arg Thr Ala Val Ile Asn Ala Ala  
340 345 350

Ser Gly Arg Gln Thr Val Asp Glu Ala Leu Lys Asp Ala Gln Thr Asn  
355 360 365

Ser Ser Ser Asn Asn Asn Asn Asn Asn Asn Asn Asn Leu Gly Ile  
370 375 380

Glu Gly Arg Gly Thr Leu Glu Gly  
385 390

<210> 5

<211> 5

<212> PRT

<213> Artificial sequence

<220>

<223> Small synthetic C-terminal hydrazide peptide

<400> 5

Ser Leu Ala Tyr Gly  
1 5

<210> 6

<211> 11

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide corresponding to the c-myc epitope sequence was synthesised GEQKLISEED-NH<sub>2</sub> whereby pyruvic acid was coupled to the amino terminus of the peptide as the last step of the assembly

<220>

<221> MOD\_RES

<222> (11)..(11)

<223> AMIDATION

36290-390-00-US.txt

<400> 6

Gly Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu  
1 5 10